



LAHIVE  
&  
COCKFIELD  
LLP

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
www.lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
GIULIO A. DeCONTI, JR.  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
DEBRA J. MILASINIC, Ph.D.  
WILLIAM A. SCOFIELD, JR.  
SIBLEY P. REPPERT  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER  
MEGAN E. WILLIAMS, Ph.D.  
LISA D'ROCCO TYNER  
HATHAWAY P. RUSSELL \*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.

MERDETH C. ARNOLD  
DANIELLE L. HERRITT  
EUIHOON LEE \*\*  
MANEESH GULATI  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
MICHAEL J. BASTIAN, Ph.D.  
CHRISTOPHER J. McKENNA  
VINCENT P. LOCCISANO  
JAMES M. McKENZIE

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
JEANNE M. DIGIORGIO  
CYNTHIA L. KANIK, Ph.D.  
JOHN D. LANZA

*EFW*  
PATENT AGENTS  
JONATHAN M. SPARKS, Ph.D.  
ANDRINA WILLIAMS ZINK  
CRISTIN E. HOWLEY, Ph.D.  
JILL ANN MELLO, Ph.D.  
CHRISTOPHER E. DRABIK

TECHNICAL SPECIALISTS  
CATHERINE M. BISHOP  
JACOB G. WEINTRAUB  
DEBORAH L. NAGLE, Ph.D.  
ANNE JACQUELINE WIZEMAN, Ph.D.  
BRIAN C. TRINQUE, Ph.D.  
CHRISTOPHER R. COWLES, Ph.D.  
JAMES H. VELEMA  
W. ELANA WANG  
CYNTHIA M. GILBERT

\* Admitted in TX only  
\*\* Admitted in CT only

November 8, 2004

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/731,984  
For: *INDUCING TOLERANCE IN PRIMATES*  
Inventors: Winsor-Hines, Dawn, *et al.*  
Filed: December 9, 2003  
Our Ref. No.: TLN-022

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB-08;
3. Copies of selected publications cited in PTO Form SB/08 (10); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450:

November 8, 2004

Date

*Megan E. Williams*  
Megan E. Williams, Esq., Reg. No. 43,270

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

*Megan E. Williams*  
Megan E. Williams, Esq.  
Registration No. 43,270  
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Winsor-Hines, Dawn, *et al.*

Serial No.: 10/731,984

Filed: December 9, 2003

For: *INDUCING TOLERANCE IN PRIMATES*

Attorney Docket No.: TLN-022

Group Art Unit: 1644

Examiner: Not Yet Assigned


MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

November 8, 2004  
Date of Signature and of Mail Deposit

By:

  
Megan E. Williams, Esq.  
Registration No. 43,270  
Attorney for Applicants

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed. The copy of cited U.S. patent (Reference ID No. A1) is not enclosed with this statement. Copies of non-patent literature (Reference ID Nos. A2-A11) are enclosed in accordance with 37 CFR 1.98(a)(2).


This statement is not to be interpreted as a representation that the cited publication is material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover,



Applicants understand that the Examiner will make an independent evaluation of the cited publication.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Megan E. Williams, Esq.  
Registration No. 43,270  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: November 8, 2004

AEM/MEW/DLN/rl  
Enclosures



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/731,984
				Filing Date	December 9, 2003
				First Named Inventor	Winsor-Hines, Dawn
				Art Unit	1644
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	TLN-022

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	6,056,956	05-02-2000	Cobbold, S.P., et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		MM-DD-YYYY			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A2	Cobbold, S.P., et al. "The induction of skin graft tolerance in major histocompatibility complex-mismatched or primed recipients: primed T cells can be tolerized in the periphery with anti-CD4 and anti-CD8 antibodies." <i>Eur J Immunol.</i> 1990 Dec; 20(12):2747-55.		
	A3	Gutstein, N.L., et al. "Induction of immune tolerance by administration of monoclonal antibody to L3T4." <i>J Immunol.</i> 1986 Aug 15; 137(4):1127-32.		
	A4	Horneff, G., et al. "Persistent depletion of CD4+ T cells and inversion of the CD4/CD8 T cell ratio induced by anti-CD4 therapy." <i>J Rheumatol.</i> 1992 Dec; 19(12):1845-50.		
	A5	Marshall, S.E., et al. "Tolerance and suppression in a primed immune system." <i>Transplantation.</i> 1996 Dec 15; 62(11):1614-21.		
	A6	Onodera, K., et al. "Induction of "infectious" tolerance to MHC-incompatible cardiac allografts in CD4 monoclonal antibody-treated sensitized rat recipients." <i>J Immunol.</i> 1996 Sep 1; 157(5):1944-50.		
	A7	Qin, S.X., et al. "CD4 monoclonal antibody pairs for immunosuppression and tolerance induction." <i>Eur J Immunol.</i> 1987 Aug; 17(8):1159-65.		
	A8	Qin, S.X., et al. "Induction of classical transplantation tolerance in the adult." <i>J Exp Med.</i> 1989 Mar 1; 169(3):779-94.		
	A9	Qin, S.X., et al. "Induction of tolerance in peripheral T cells with monoclonal antibodies." <i>Eur J Immunol.</i> 1990 Dec; 20(12):2737-45.		
	A10	Qin, S.X., et al. "'Infectious" transplantation tolerance." <i>Science.</i> 1993 Feb 12; 259(5097):974-7.		
	A11	Scully, R.S., et al. "Mechanisms in CD4 antibody-mediated transplantation tolerance: kinetics of induction, antigen dependency and role of regulatory T cells." <i>Eur J Immunol.</i> 1994 Oct; 24(10):2383-92.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------